

# MicroStation v8

Many changes have been made to our files in preparation for the conversion to MicroStation v8. We intend to put a document out on the Internet in the near future that explains the way that we draw in the Bridge Office in MicroStation v8.

There are several files that we are making available for download at this time. They are as follows:

- Bridge.tbl: This is the Bridge Office color table.
- BridgeStyles.dgnlib: This dgnlib contains the text styles and dimension styles that we will use. The dimension style set up for bridges is named Bridge1:001. The text styles and their uses are as follows:

Text styles	Use
Br1:001scale100	subscript and superscript
Br1:001scale140	Callouts, dimensions and notes
Br1:001scale200	Titles
Br1:001scale_boring	In-house boring log text
Br1:001scale_TOS_Elev	Top of slab elevation table text

- Ebridge.dgn: This is the seed file that we will use to create new drawings. This file contains four models. The model named "Models" is intended for anything that is to be drawn full size. The model named TSL is for the Type Size and Location and the model named GPE is for the General Plan and Elevation. If you decide to use the model concept to generate your plans you can create additional models, one for each plan sheet. If you prefer to have one drawing per file, you can delete the unused models. Note that the working units are set to survey feet and survey inches.
- Fontlib.rsc: This is our font library. It did not change from MicroStation J to MicroStation v8. The same font library is used for both roadway and bridge plans.
- IDOTLevel2004.dgnlib. This dgnlib contains all of the levels used by IDOT. See the following table for bridge level names and their usage.
- Units.def: This is the units definition file containing the working units. These are now the same for both roadway and bridge plans (survey feet and survey inches).
- V8BridgeLineStyle.rsc: This resource file contains the custom line styles for bridge plans.
- Cell libraries: Eight cell libraries have been converted for use with MicroStation v8. The most obvious changes to the libraries are in the level usage, base sheets being comprised of single cells, working units and the application of text styles. The sign structure libraries will be made available later this year.
- Pdf files of cell libraries: Each pdf file contains the table of contents of its library. It also contains linked images of each cell of its library.

If you have any specific questions or comments, feel free to contact me:

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Level Name	Use
Bridge_Addendum	Level used for addendums
Bridge_Breakline	Breakline (shift position if unable to see pattern)
Bridge_Centerline	Centerline (shift position if unable to see pattern)
Bridge_Construction Change	Level used for construction changes
Bridge_Cut or Match Line	Cut or match line (shift position if unable to see pattern)
Bridge_Design Concrete Hidden	Hidden concrete object line for design plans
Bridge_Design Concrete Object	Concrete object line for design plans
Bridge_Design Existing	Existing object line for design plans
Bridge_Design Reinforcement	Reinforcement object line for design plans
Bridge_Design Reinforcement Bending	Reinforcement bar bending diagram object line for design plans
Bridge_Design Reinforcement Existing	Existing reinforcement object line for design plans
Bridge_Design Reinforcement Hidden	Hidden reinforcement object line for design plans
Bridge_Design Steel Hidden	Hidden steel object line for design plans
Bridge_Design Steel Object	Steel object line for design plans
Bridge_Dimension and Text	General text and dimensions for both planning and design
Bridge_Miscellaneous	Level where symbology may vary
Bridge_Pattern	Patterning for both planning and design
Bridge_Riprap	Riprap for both planning and design
Bridge_Sheet Border	Border level for both planning and design
Bridge_Sheet Design Plot	Design level for shape that can be used with batch plot
Bridge_Sheet Design Print	Design level for shape that can be used with batch plot
Bridge_Sheet TSandL Plot	Planning level for shape that can be used with batch plot
Bridge_Sheet TsandL Print	Planning level for shape that can be used with batch plot
Bridge_Table Border	Heavy line for use with tables for both planning and design
Bridge_Table Lines	Thin line for use with tables for both planning and design
Bridge_Title	Title level for both planning and design
Bridge_TSandL Concrete Hidden	Hidden concrete object line for GP & E and TS & L plan and elevation views
Bridge_TSandL Concrete Object	Concrete object line for GP & E and TS & L plan and elevation views
Bridge_TSandL Existing	Existing object line for GP & E and TS & L plan and elevation views
Bridge_TSandL Intermittent Stream	Intermittent stream object line for GP & E and TS & L plan and elevation views
Bridge_TSandL Natural Ground	Natural ground object line for GP & E and TS & L plan and elevation views
Bridge_TSandL Railroad	Railroad track line for GP & E and TS & L location sketch
Bridge_TSandL Reinforcement	Reinforcement object line for TS & L
Bridge_TSandL Reinforcement Existing	Existing reinforcement object line for TS & L
Bridge_TSandL Reinforcement Hidden	Hidden reinforcement object line for TS & L
Bridge_TSandL Right of Way	Right of Way line for GP & E and TS & L plan and elevation views
Bridge_TSandL Steel Hidden	Hidden steel object line for GP & E and TS & L plan and elevation views
Bridge_TSandL Steel Object	Steel object line for GP & E and TS & L plan and elevation views
Bridge_TSandL Streamline	Stream object line for GP & E and TS & L plan and elevation views
Soils_Boring Logs	Soil boring logs (symbology may vary)